first voltage level, and wherein the voltage divider is configured so that the input voltage is less than the reference voltage level when the voltage on the voltage rail is less than the first voltage level;

the shunt regulator coupled to the voltage divider, wherein the shunt regulator is configured to turn on when the input voltage is greater than or equal to the reference voltage level and turn off when the input voltage is less than the reference voltage level; and

a transistor coupled to the voltage rail and to the shunt regulator, wherein the transistor is configured to turn on in response to the shunt regulator turning on, wherein the transistor is configured to sink current from the voltage rail when the transistor is on to decrease the voltage on the voltage rail below the first voltage level, and wherein the transistor is further configured to turn off when the shunt regulator is off.

REMARKS

Claim 21 has been amended for clarity. The amendment to claim 21 does not change the intended scope of the claim. Claims 1-22 remain pending in the application.

Section 102(b) Rejection:

The Office Action rejected claims 1, 3-12 and 14-22 under 35 U.S.C. § 102(b) as being anticipated by Taylor et al. (U.S. Patent 5,834,958) (hereinafter "Taylor"). As set forth in more detail below, Applicants respectfully traverse the rejection as to the currently pending claims.

Applicants' claim 1 recites "wherein one of the components is a switching regulator". Additionally, claim 12 recites "the plurality of components comprise a